

FORM PTO-1449

Attorney Docket:

Application No.:

18180.0115

10/099,982

INFORMATION DISCLOSURE CITATION

Applicant:

Examiner:

S. Winzer

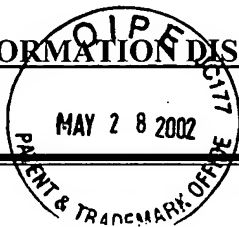
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Filing Date:

Group Art Unit:

March 19, 2002

2873

**U.S. PATENT DOCUMENTS**

| Examiner Initial | Ref. No | Document Number | Date | Name | Class | Sub-Class | Filing Date |
|------------------|---------|-----------------|------------|----------------|-------|-----------|-------------|
| JD | 1 | 4,093,351 | 06/06/1978 | Perkins et al. | | | |
| JD | 2 | 5,159,498 | 10/27/1992 | Hubbard, Jr. | | | |
| JD | 3 | 6,113,242 | 09/05/2000 | Marker et al. | | | |
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FOREIGN PATENT DOCUMENTS

| | Document Number | Date | Country | Class | Sub-Class | Translation Yes/No |
|--|-----------------|------|---------|-------|-----------|--------------------|
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OTHER DOCUMENTS (Including Author, Title, Date, etc.)

| | | |
|---------------|---|--|
| JD | 4 | Ultra Lightweight Space Optics Challenge Workshop, article, 3/24/1999, 1 page NAPA, CALIFORNIA |
| JD | 5 | W. Hoffmann et al., Active Composite Membrane Mirrors, Ultra Lightweight Space Optics Challenge Workshop 3/24/1999, 8 pages |
| JD | 6 | B. Blonk et al., Narrowing the Design Space of a Large Membrane Mirror, 4/7/1999, 8 pages |
| JD | 7 | D. Giles et al., Semi Rigid and Adjustable CFRP Membrane for Radio Telescope Applications, presented at Ultra Lightweight Space Optics Challenge Workshop 3/24/1999, 7 pages |
| JD | 8 | J. Main et al., Noncontact Shape Control of Membrane Mirrors, Ultra Lightweight Space Optics Challenge Workshop 3/24/1999, 8 pages |
| JD | 9 | J. Moore, Jr. et al., Ultra-lightweight Precision Membrane Optics, Ultra Lightweight Space Optics Challenge Workshop 3/24/1999, 3 pages |

Examiner

[Signature]

Date Considered

21 JULY 2003

Examiner: Initial if reference consider, whether or not citation is in conformance with MPEP §609.

Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to Application